

Alkylation with iC₄

B-1	5.0g HEOH, 1666M @ 95°C ^{IN 1:00} 5.0g t-BuOAc 123g H ₂ SO ₄	4hr @ 95°C	5.3M Et ₂ O:MeOH
	56.0g iC ₄ , 9655M	alkylate t-BuOAc 70.4% .80M	
		HEOH 29.6% .99M	
		iC ₄ = 10.4 - .80	9.57M
	1.95 $\frac{[HEOH][iC_4]}{[HOOTBu]}$	11.84 ?? 16.95 = .40	com. MOON 45%, 25% 7.6%
		com. act	
-1	3.0g H ⁺ resin dry	2hr -60°C ^{IN 1:00} 3-4 min up to 90°C	
	4.1g t-BHP = 91.5% .04555M ^{100%} $\frac{1}{2}$ t-BHP 5.1g iC ₄ = .0879M ^{quality}	.042M ^{t-BHP} .0182 } .0602	
	7.5g acet by drying	2.0g sample by 12.0 ml. 10% Et ₂ O 3.0ml/g [2.7%] t-BHP	
	Assume acet at 9.0g	2.83g 63.9% 3.87 93.7% com.	

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7-27-79